(Application Scrial No.)

## TION AND POWER OF FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLAiP001

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A SYSTEM AND METHOD FOR INSPECTING SEMICONDUCTOR WAFERS, the specification of which,

| (check one)                           | 1. 🔀   | is attached hereto.  |  |  |
|---------------------------------------|--|--|--|--|
|                                       | 2. 🗌   | was filed on   |  | as   |
|                                       |  | U.S. Application Scria   | il No  |  |
|                                       |  |  |  | •  |
|                                       | 3. 🗀   | was filed on   |  | as   |
|                                       | ٠. ل   | International PCT App  | olication Serial No.                                 |  |
|                                       |  | and was amended on   |  |  |
| I hereby state that amended by any am |  |  | ontents of the above-identif                         | ied specification, including the claims, as  |
| I acknowledge the of 37, CFR § 1.56.  | duty to disclose   | information which is m   | aterial to the examination of                        | of this application in accordance with Title   |
| for patent or invent                  | or's certificate,<br>tates, listed be<br>de, or PCT Inte | or § 365(a) of any PC<br>clow and have identified<br>ernational application ha | T International application below, by checking the b | I) or § 365(b) of any foreign application(s) which designated at least one country other look, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed? |
| Prior Foreign                         | Application(   | 5)   |  |  |
|                                       | <del></del>  | ·(C · · · )  | (Filing Date)  | YesNo  |
| (Appl. No.)                           |  | (Country)  | (Filing Date)  |  |
|                                       |  |  |  | Ycs No   |
| (Appl. No.)                           |  | (Country)  | (Filing Date)  |  |
|                                       |  |  |  | Yes No   |
| (Appl. No.)                           |  | (Country)  | (Filing Date)  |  |
| I/We hereby claim                     | the benefit unc  | ler 35 U.S.C. §119(e) of   | any United States provision                          | al application(s) listed below:  |
| (Application Scrial                   | l No.)   | (Filing Date)  |  |  |
| (Application Serial                   | 1110.)   | (I IIII Duto)  |  |  |

I/We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Filing Datc)

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Residence:

Post Office Address:

Inventor (if any):

Residence:

| Prior U.S. Application(s)  |   |  |
|--|---|--|
| (Application Serial No.)   | (Filing Date)   | (Status - patented, pending, abandoned)  |
| (Application Serial No.)   | (Filing Date)   | (Status - patented, pending, abandoned)  |
| Weaver (Reg. No. 31,314);<br>32,947); Jonathan O. Scott<br>(Reg. No. 38,352); James I<br>Villeneuve (Reg. No. 37,460<br>36,988); Peggy A. Su (Reg. | Joseph A. Nguyen (Re<br>(Reg. No. 39,364); Har<br>E. Austin (Reg. No. 39<br>D); Michael J. Ritter<br>No. 41,336) and Susan<br>ews, (Reg. No. 34,496) of b<br>secute this application and to | luding Steve D Beyer (Reg. No. 31,234); Jeffrey D g. No. 37,899); C. Douglass Thomas (Reg. Nomohinder S. Bedi (Reg. No. 39,904); Lee Van Pog. 489); Rupak Nag (Reg. No. 37,493); Joseph M (Reg. No. 36,653); Michael L. Louie (Reg. No. Yi (Reg. No. 39,883] all of Beyer & Weaver, LLP and CLA-Tencor Corporation; as my attorneys with full power transact all business in the U.S. Patent and Trademark Office. |
| Send Correspondence To:  | Jeffrey K. We<br>BEYER & WE<br>P.O. BOX 61<br>Palo Alto, Cal  | AVER, LLP<br>059   |
| Direct Telephone Calls To:   |   | er at telephone number (510) 843-6200  |
| belief are believed to be true; and fu   | orther that these statements we   | wledge are true and that all statements made on information re made with the knowledge that willful false statements and ider section 1001 of Title 18 of the United States Code, and opplication or any patent issuing thereon.   |
| A.   | Rosengaus<br>Orlengaus  | Citizenship: <u>U.S.</u> Date of Signature: Feb 11/1998  |



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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

OCTOBER 20, 1998

BEYER & WEAVER, LLP

PALO ALTO, CA 94306

JEFFREY K. WEAVER P.O. BOX 61059

PTAS

\*100795982A\*

CORRECTED

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/30/1998

REEL/FRAME: 9151/0038 NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ROSENGAUS, ELIEZER

DOC DATE: 02/11/1998

ASSIGNOR:

LANGE, STEVEN R.

DOC DATE: 02/02/1998

**ASSIGNEE:** 

KLA-TENCOR CORPORATION
160 RIO ROBLES

SAN JOSE, CALIFORNIA 95134-1809

SERIAL NUMBER: 09070437

PATENT NUMBER:

FILING DATE: 04/30/1998

ISSUE DATE:

BEYER & WEAVER, LLP

DOROTHY RILEY, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

| us:         | <u> </u> | OREIGN: |           |    |
|-------------|----------|---------|-----------|----|
| DOCKETED: . | 10 - 2   | 7-98    | BY: 💆     | 之_ |
| ACTION:     |          |         |           |    |
| DUE DATES:  |          |         |           |    |
|             |          |         | . 0 2 2 / |    |
| ATTY: JKV   | VDOCKET# | KLA     | 1001      |    |

## ASSIGNMENT RECORDATION COVER SHEET -PATENTS ONLY-

| To:      | Honorable Commissioner of Patents and Trademarks:   |
|----------|---|
|          | Please record the attached original document(s) or copy thereof.  |
| Ι.       | Name of conveying party(ies)  a) Eliezer Rosengaus  b) Steven R. Lange  |
| 2.       | Name and address of receiving party(ies): a) Name: KLA-Tencor Corporation Address: 160 Rio Robles San Jose, California 95134-1809               |
| 3.       | Nature of conveyance  Assignment  |
|          | Execution Date(s): February 2, 1998; February 11, 1998  |
| 4.       | Application Number(s) or Patent Number(s): n/a  |
|          | The title of the (new) application is:  |
| A        | SYSTEM AND METHOD FOR INSPECTING SEMICONDUCTOR WAFERS   |
| 5.       | Please send all correspondence concerning this (these) documents to:  |
|          | Jeffrey K. Weaver BEYER & WEAVER, LLP P.O. Box 61059 Palo Alto, CA 94306 Tel. No.: (510) 843-6200 Fax No.: (510) 843-6203                       |
| 6.       | Total number of applications and patents involved: 1  |
| 7.       | Total fee (37 CFR 3.41): \$40.00  |
|          | Enclosed  Authorized to be charged to Deposit Account No. 50-0388  (Order No. KLA1P001)   |
| 8. and c | To the best of my knowledge and belief, the foregoing information is true orrect and any attached copy is a true copy of the original document. |
| Date:    | April 30, 1998  Jeffrey K. Weaver Registration No. 31,314   |

Docket No.: KLA1P001

Patent

## <u>ASSIGNMENT</u>

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/WE, the undersigned, Eliezer Rosengaus; Steven R. Lange, do hereby sell, assign, and transfer to: KLA-Tencor Corporation, a corporation of Delaware, having a place of business at 160 Rio Robles, San Jose, California 95134-1809, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

| California 95134-1809, ("Assignee"), its successors, assigns, and legal representatives, the united states and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,  |
|---|
| <ul> <li>(X) which has been executed by the undersigned concurrently herewith,</li> <li>( ) which was filed on, 19 and assigned Serial No,</li> </ul>   |
| and is entitled: A SYSTEM AND METHOD FOR INSPECTING SEMICONDUCTOR WAFERS  |
| and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and  |
| Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications to patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and |
| Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.  |
| Date: Feb 1/ , 1998 Name: Rasengaus Witness: JACKIE BONILLA.  Eliezer Rosengaus Printed   |
| Date: Feb 2 , 1998 Name: Steven R. Lange Witness: TACKIE BOW/LUA  |